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3	L3	99	1 and 2	US-PGPUB
4	L4	1	3 and @ad<"20000619"	US-PGPUB
5	L5	5	3 and @prad<"20000619"	US-PGPUB
6	L6	5	4 or 5	US-PGPUB

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3	L3	41197	level near5 (grade or quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
4	L4	2136	1 and 2 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
5	L5	4942426	restrict\$5 or limit\$6 or lock\$3 or restrain\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
6	L6	1967	4 and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
7	L7	37620	(charg\$3 or pric\$3 or payment or bill\$3 or pay\$3) with (quality or grade)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
8	L8	307	6 and 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
read 9	L9	124	8 and @ad<"20000619"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

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S1	30637636	HIGH??? OR PREMIUM OR BEST
S2	14442534	LOW??? OR POOR
S3	8896343	QUALITY OR QUALITIES OR GRADE? ?
S4	2356407	S1 (4N) S3
S5	407780	S2 (4N) S3
S6	2593133	S4 OR S5
S7	9771083	SELECT???? OR CHOOSE OR CHOSE? ?
S8	124540	S7 (6N) S3

21-Jul-05

S9 224652 LEVEL? ? (4N) S3
 S10 4285 S6 AND S8 AND S9
 S11 6573737 MUSIC OR SONG? ? OR CONTENT? ? OR MOVIE? ?
 S12 164450 S3 (6N) S11
 S13 327 S10 AND S12
 S14 159 S13 AND (RESTRICT??? OR LIMIT????? OR RESTRAIN???)
 S15 573699 S3 (8N) (CHARG??? OR PRIC??? OR PAYMENT? ? OR BILL??? OR P-
 AY???)
 S16 81 S14 AND S15
 S17 49 S16 NOT PY>2000
 read (S18) 40 RD (unique items)
 S19 196765 S3 (6N) (AUDIO? ? OR PICTURE? ? OR PHOTO OR PHOTOES OR PHO-
 TOGRAPH???)
 S20 428 S10 AND S19
 S21 161 S20 AND (RESTRICT??? OR LIMIT????? OR RESTRAIN???)
 S22 52 S21 AND S15
 S23 28 S22 NOT PY>2000
 read (S24) 20 S23 NOT S17
 (S25) 19 RD (unique items)
 ?

18/TI,PD,AB/1 (Item 1 from file: 15)

DIALOG(R) File 15:(c) 2005 ProQuest Info&Learning. All rts. reserv.

Using service quality data for competitive marketing decisions

2000

ABSTRACT: Although there have been many research articles about how to measure service quality, how service quality perceptions are formed, what effect service quality has on behavior, and service quality's financial impact, there has been little discussion to date of the potential impact of service quality on competitive marketing decisions. This paper considers directly the issue of how an analysis of the impact of comparative service quality can inform tactical marketing decisions in a competitive marketplace. It proposes and empirically demonstrates a simple theoretical framework of how market share changes result from changes in service quality, by the focal firm and by a competitor. In addition it shows how **price** changes trade-off against changes in service **quality**, and how comparative customer value is affected by changes in service **quality** and **price**. The framework enables one to evaluate the projected market share shifts produced by proactive changes in service **quality** and **price**, and also enables us to evaluate the projected effectiveness of reactions to competitors' changes in service **quality** and **price**.

18/TI,PD,AB/2 (Item 2 from file: 15)

DIALOG(R) File 15:(c) 2005 ProQuest Info&Learning. All rts. reserv.

Consumer perception of the nature and quality of home-made and commercial dairy ice cream

2000

ABSTRACT: An important consumer opinion of some products relates to the perception of "homemade quality." Bower and Baxter examined consumer perception of this aspect in dairy ice cream along with product knowledge and consumption habits and influences. A questionnaire was delivered followed by a testing of commercial products and homemade formulations. All of the participants consumed dairy ice cream and 62% named it as their most frequent type of ice cream with sensory quality being the most important reason influencing choice. Product knowledge was relatively high with 74% of respondents claiming to know two out of out of three product characteristics. Consumer opinion was divided on a pretested preference for "homemade" or "Commercial", with 56% being in favor of the homemade form.

18/TI,PD,AB/3 (Item 3 from file: 15)

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The nomological net of perceived service quality

1997

ABSTRACT: The relationships between, and **restrict** the domains of, perceived service quality, perceived product value, product attitude, and customer satisfaction/dissatisfaction, are explicated. Conceptual dimensions are used to explore similarities and differences between perceived service quality and related constructs. The conceptual analysis shows similarities, differences and inter-relationships which are not

always recognized in service quality research and management and suggests avenues for future research.

18/TI,PD,AB/4 (Item 4 from file: 15)

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A comparison of hospital quality programmes: lessons for other services
1997

ABSTRACT: The experiences of several public hospitals which have implemented quality methods and management and lists some of the lessons they learned that could be usefully adopted by other services are described. Generally, the hospitals which had a greater success found ways to involve different professions and adapted the methods to their particular circumstances.

18/TI,PD,AB/5 (Item 5 from file: 15)

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Joint determination of the optimum target mean and variance of a process
2000

ABSTRACT: The problem of simultaneously determining the optimal target mean for a process is considered. This might result in a reduction in variability and in the total cost of the production process. A reduction in variability upholds the modern concept of Taguchi's loss function, which states that any deviation from the target value incurs economic loss, even when the quality characteristic lies within the specification limits. Taguchi's loss function is incorporated to extend this study to further jointly determine the optimal target mean and variance.

18/TI,PD,AB/6 (Item 6 from file: 15)

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Supply chain management: the case of a UK baker preserving the identity of Canadian milling wheat
1998

ABSTRACT: This paper examines bread wheat quality and its effect on vertical coordination in the wheat supply chain. It is concluded that the benefits of wheat quality control will encourage millers and bakers to develop closer vertical linkages with wheat suppliers in the future.

18/TI,PD,AB/7 (Item 7 from file: 15)

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No pain, no gain: A critical review of the literature on signaling unobservable product quality
Apr 2000

ABSTRACT: The authors of a study focus on the ways a firm may signal the

unobservable quality of its products through several marketing-mix variables. The authors develop a typology that classifies signals and discuss the available empirical evidence on the signaling properties of several marketing variables. They consider managerial implications of signaling and outline an agenda for future empirical research.

18/TI,PD,AB/8 (Item 8 from file: 15)

DIALOG(R) File 15:(c) 2005 ProQuest Info&Learning. All rts. reserv.

New product quality and product development teams
Apr 2000

ABSTRACT: The author of a study proposes and tests a series of hypotheses regarding how new product quality is affected by team characteristics (functional diversity and information integration) and contextual influences (time pressure, product innovativeness from the firm's perspective, customers' influence on the product development process, and quality orientation in the firm).

18/TI,PD,AB/9 (Item 9 from file: 15)

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Service quality, profitability, and the economic worth of customers: What we know and what we need to learn
Winter 2000

ABSTRACT: In the past, expenditures on quality have not been explicitly linked to profits because costs and savings were the only variables on which information was available. More recently, evidence about the profit consequences of service quality stemming from other sources has been found. A study synthesizes recent evidence and identifies relationships between service quality and profits that have been and need to be examined.

18/TI,PD,AB/10 (Item 10 from file: 15)

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Market share and customers' perceptions of quality: When can firms grow their way to higher versus lower quality ?
Jan 1999

ABSTRACT: Market share can influence perceived quality through several different mechanisms, including signaling, creating network externalities, and inclusion as an attribute in consumers' quality functions. The direction of this potential effect is ambiguous. Making use of data on 85 different brands across 28 product categories, the effect that market share has on consumers' perceptions of quality and the extent to which category-wide and brand-specific factors moderate this effect explored is explored. Findings suggest perceived quality falls as market share rises.

18/TI,PD,AB/11 (Item 11 from file: 15)

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The balance between specific and ad valorem taxation
Feb 1998

ABSTRACT: A recurring issue in indirect tax design - most obviously, but not only, for goods traditionally subject to heavy excises - is the appropriate balance between specific and ad valorem taxation. Recent work has developed new perspectives on the issue, which is also one of the oldest in the formal study of public finance. A paper provides a broadly non-technical account of the central considerations that arise in choosing the balance between specific and ad valorem taxation, reviewing and somewhat extending the lessons of theory and experience. There emerge clear presumptions as to the relative effects of the 2 kinds of tax on such attributes as **price**, profits, product **quality** and variety. But the socially optimal balance between them is likely to be quite sensitive to the characteristics of the market at issue.

18/TI,PD,AB/12 (Item 12 from file: 15)
DIALOG(R) File 15:(c) 2005 ProQuest Info&Learning. All rts. reserv.

Services advertising: An overview and summary of research, 1980-1995
Winter 1997

ABSTRACT: Although services advertising has been studied heavily, researchers concur that programmatic research with a strategic emphasis is still needed on that topic. Such efforts may be hampered without a comprehensive summary of the general findings across studies. Therefore, to assess the current state of services advertising research and to encourage additional investigations, the author offers a conceptual review of the services advertising literature from 1980 to 1995. Those 15 years parallel the last 2 evolutionary stages of dramatic growth in general services marketing research.

18/TI,PD,AB/13 (Item 13 from file: 15)
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Transaction utility effects when quality is uncertain
Winter 1997

ABSTRACT: The existing literature finds that price discrepancy, which represents the difference between expected and observed price, helps explain brand choice and purchase intention. This effect is often attributed to transaction utility, that is, the incremental utility associated with the surprise of observing a price lower or higher than expected. A study considers the possibility that transaction utility is a less important determinant of choice when quality is uncertain. It is found that acquisition utility (perceived value for the money) tends to dominate the explanation of purchase intention, but transaction utility is significant only when consumers are more certain about quality. The relative role of transaction utility in explaining consumer decision making is discussed, and ways in which the informative and allocative roles of price might be distinguished are examined.

18/TI,PD,AB/14 (Item 14 from file: 15)

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Does total quality apply to knowledge work? Absolutely!

Oct/Nov 1996

ABSTRACT: When the finance organization at Motorola first approached total quality, it thought its role would be to measure everyone else. Deeper thought, however, led it to conclude that many aspects of the finance function were just as volume-driven and error-prone as manufacturing. The only difference is that finance processes paper and not electronic parts. One of the department's greatest successes turned out to be in closing the books, a process that used to take 12 working days from the end of the month and now can be done in less than 4. Motorola's finance department estimates that the combination of error reduction and faster cycle time reduction in just that one area - closing the books - saves the company over \$20 million annually. This aspect of total quality - speed - seems to become more important as knowledge work goes up. However, as the knowledge content goes up and it becomes more difficult to measure success, the mechanisms for measuring quality must be revised. Some examples of measuring the quality of knowledge work are presented.

18/TI,PD,AB/15 (Item 15 from file: 15)

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The dilemma of managing value

Winter 1995

ABSTRACT: "Value" is an elusive term, but talk of how to manage value raises the specter of chaos. Value is defined as a working equation involving appropriateness of care, quality of outcomes and service, and cost. One hypothesis is that purchasers and providers will ultimately recognize that the value of health care services provided is critical because value, properly managed, directly addresses the volatile issue of containing health care costs. But to achieve success in managing value, providers must initiate new strategies and transform organizational and clinical priorities and practices. As the contest intensifies between society's infinite demand for health care services and finite resources, the need to truly subscribe to the management of value will become ever more important. Those providing care will learn to appreciate that long-term success will depend on much more than mere cost cutting.

18/TI,PD,AB/16 (Item 16 from file: 15)

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Changes in Russian quality management practices from 1989 to 1992

1995

ABSTRACT: The results are presented of a study comparing Russian factory quality management practices in 1989 and 1992. Comparing study results across time has identified several interesting findings about Russian quality practices. Results from the study indicate that in the 3 years since economic reform Russian factories are making progress at improving product quality. From 1989 to 1992, Russian factory workers have observed significant improvement in the level of product quality at their

factories. One reason for this change is the relative priority that Russian managers are giving **quality higher** priority in 1992. Another reason for this improvement is that Russian factories have appeared to have evolved from a defect detection orientation to a defect prevention orientation.

18/TI,PD,AB/17 (Item 17 from file: 15)

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A hybrid model for process quality costing
1995

ABSTRACT: The introduction of a quality costing system, using the process model, is introduced within a division of GEC Alsthom Engineering Systems Ltd. The system was introduced to identify and prioritize improvement areas within the context of a continuous improvement program. A critical review of a former quality costing system within the division based on the prevention, appraisal, and failure model is included. Initial work focused on the use of the IDEF methodology, recommended in BS 6143: Part 1: 1992, to model major business processes. However, this approach was found to be inappropriate as the models created were complex and failed to gain widespread acceptance within the division. A hybrid model, using integrated flowcharts, was developed; this proved successful in securing understanding and ownership of major processes. A cost of non-conformance of approximately 10% is discussed and 4 main areas for improvement activities are identified.

18/TI,PD,AB/18 (Item 18 from file: 15)

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Return on quality (ROQ): Making service quality financially accountable
Apr 1995

ABSTRACT: Many companies have been disappointed by a lack of results from their quality efforts. The financial benefits of quality, which had been assumed as a matter of faith in the "religion of quality," are now being seriously questioned by cost-cutting executives, who cite the highly publicized financial failures of some companies prominent in the quality movement. In this increasingly results-oriented environment, managers must now justify their quality improvement efforts financially. The "return on quality" approach is presented, which is based on the assumptions that: 1. quality is an investment, 2. quality efforts must be financially accountable, 3. it is possible to spend too much on quality, and 4. not all quality expenditures are equally valid. A managerial framework is provided that can be used to guide quality improvement efforts. This framework has several attractive features, including ensured managerial relevance and financial accountability.

18/TI,PD,AB/19 (Item 19 from file: 15)

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Vision, values, milestones: Paul O'Neill starts total quality at Alcoa
Spring 1993

ABSTRACT: Shortly after becoming the Aluminum Company of America's (Alcoa) first outside chairman and CEO in a century, Paul O'Neill launched a comprehensive, corporation-wide total quality initiative as part of his strategy of refocusing the company on its core businesses and "reinventing" Alcoa. A description of the process by which O'Neill and the senior executives of the company educated themselves on quality management and then designed Alcoa's Vision, Values and Milestones, the constitution of the Alcoa Excellence Through Quality initiative, is presented. Alcoa's 5-year milestones, or specific measurable goals, include: 1. Establish interactive relationships with internal and external suppliers based on an understanding of real needs and performance to targets with evidence of continuous improvement. 2. Establish a team approach to problem solving and continuous improvement and a clear definition of accountability for each team and individual. 3. Achieve a 50% reduction in serious injury and lost work day incidence rates. 4. Average a 15% return on shareholders' equity, and not less than 10% in any year.

18/TI,PD,AB/20 (Item 20 from file: 15)

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Selecting the right paper for your magazine

1994

ABSTRACT: The grading system for coated paper is based on the single criterion of brightness. However, paper has other measurable properties with significant visual impact. Although nearly every aspect of a sheet's structure, manufacture, and content has some effect, the emphasis is on those that affect print quality with the broadest strokes. A paper's appearance can be evaluated by its brightness, whiteness, gloss, smoothness, and opacity. The characteristics of different grades of paper are discussed.

18/TI,PD,AB/21 (Item 21 from file: 15)

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Management of quality in computing systems education: ISO 9000 series quality standards applied

Sep 1993

ABSTRACT: Designers and implementers of courses for computing systems education who wish or need to incorporate quality systems will find little assistance when searching for literature. A general model which could facilitate the implementation of **quality** systems at a course **level** was developed by adapting **Quality** Systems concepts from industry. The Quality Standards of the International Standards Organization (ISO) 9000 series have been found to be applicable, with some modifications to education. Based on ISO Standard 9004.2, a model has been developed to provide a guideline for course developers-implementors in the design and implementation of quality systems. This model has been applied to the Quality Systems developed for Business Information Systems courses at the Open Learning Institute of Hong Kong.

18/TI,PD,AB/22 (Item 22 from file: 15)
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Partnering: A Path to Total Quality in Purchasing
Spring 1992

ABSTRACT: Supplier integration, often single-sourced, is replacing internal vertical integration as an important means to secure competitiveness in the 1990s. Partnership requires new perspectives and new methods of conducting business. To ensure the success of a supplier partnership, quality awareness and commitment to continuous improvement must be fostered and internalized before being communicated to suppliers. Some of the steps involved in a continuous improvement effort are: 1. establishing a team, 2. developing an action plan, 3. developing specifications and standards, and 4. measuring performance. Three strategies that organizations can use to identify and develop world-class partners are: 1. the evolutionary strategy, 2. the step progression strategy, and 3. the ramp-up strategy, in which the supplier is expected to achieve a high level of performance very quickly.

18/TI,PD,AB/23 (Item 1 from file: 16)
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Critters, Creatures, Catfish and Worms.
March, 2000

18/TI,PD,AB/24 (Item 1 from file: 148)
DIALOG(R) File 148:(c)2005 The Gale Group. All rts. reserv.

QUALITY MANAGEMENT IN SYSTEMS DEVELOPMENT: AN ORGANIZATIONAL SYSTEM PERSPECTIVE (1). (Brief Article)
Sept, 2000

18/TI,PD,AB/25 (Item 2 from file: 148)
DIALOG(R) File 148:(c)2005 The Gale Group. All rts. reserv.

Hydrocarbon Processing's Advanced Control and Information Systems '99. (innovations in control hardware and software packages)
Sept, 1999

18/TI,PD,AB/26 (Item 3 from file: 148)
DIALOG(R) File 148:(c)2005 The Gale Group. All rts. reserv.

Management Fashion: Lifecycles, Triggers, and Collective Learning Processes.
Dec, 1999

18/TI,PD,AB/27 (Item 4 from file: 148)
DIALOG(R) File 148:(c)2005 The Gale Group. All rts. reserv.

The impact of financial incentives on quality of health care.
Winter, 1998

AUTHOR ABSTRACT: Purchasers of health care could offer financial incentives to plans or providers in order to increase quality. Unfortunately, the current health care market, in which quality is rarely measured and there is no risk adjustment, actively discourages both plans and providers from maximizing **quality**, resulting in a poor overall **level** of **quality**, both in fee-for-service arrangements and health maintenance organizations. Health plans and providers will not focus on quality until mechanisms to correct for risk differences among enrollees can be developed. Although such risk adjustment will be the most important stimulus for quality, it should also be linked to improvements in information systems and agreement on a minimum benefits package, quality reporting standards, and financial solvency requirements.

18/TI,PD,AB/28 (Item 5 from file: 148)
 DIALOG(R) File 148:(c)2005 The Gale Group. All rts. reserv.

Keep it clean; process control ensures a consistent product.
 Oct, 1996

ABSTRACT: Consistent quality is important to maintain output standards because contamination or uneven quality could result in a loss of customers. Process quality control can sometimes ensure testing and sampling is effectively managed throughout the production process. Electronic processing controls have assisted mining and quarrying quality control maintenance.

18/TI,PD,AB/29 (Item 6 from file: 148)
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The Belgian food and drink industry.
 Fall, 1991

18/TI,PD,AB/30 (Item 7 from file: 148)
 DIALOG(R) File 148:(c)2005 The Gale Group. All rts. reserv.

Music & sound products (Buyers Guide)
 Nov, 1991

18/TI,PD,AB/31 (Item 8 from file: 148)
 DIALOG(R) File 148:(c)2005 The Gale Group. All rts. reserv.

Seafood quality: issues for consumer researchers.
 Summer, 1991

ABSTRACT: The benefits and risks of consuming seafood have received much media attention recently yet little research has been done in the area of

seafood quality. This paper provides a background of the issues involved and proposes a research agenda for the study of consumers and seafood quality. Implications for public policy are drawn. (Reprinted by permission of the publisher.)

18/TI,PD,AB/32 (Item 9 from file: 148)

DIALOG(R) File 148:(c)2005 The Gale Group. All rts. reserv.

America's best plants: IW salutes 12 facilities that have achieved true manufacturing excellence. (Special Report: Factory Automation) (Cover Story)

Oct 15, 1990

18/TI,PD,AB/33 (Item 10 from file: 148)

DIALOG(R) File 148:(c)2005 The Gale Group. All rts. reserv.

International steel casting specs being set. (International Organization for Standardization)

March, 1990

18/TI,PD,AB/34 (Item 11 from file: 148)

DIALOG(R) File 148:(c)2005 The Gale Group. All rts. reserv.

CD-I vs. DVI. (compact disk-interactive; digital video interactive)

March, 1989

18/TI,PD,AB/35 (Item 12 from file: 148)

DIALOG(R) File 148:(c)2005 The Gale Group. All rts. reserv.

Index of employers. (hospital profiles) (Nursing Opportunities supplement)

Jan, 1988

18/TI,PD,AB/36 (Item 13 from file: 148)

DIALOG(R) File 148:(c)2005 The Gale Group. All rts. reserv.

A quality assurance program for print buyers. (benefits of knowing technical aspects of printing)

Oct, 1987

18/TI,PD,AB/37 (Item 14 from file: 148)

DIALOG(R) File 148:(c)2005 The Gale Group. All rts. reserv.

The erosion in service quality.

Sept, 1987

18/TI,PD,AB/38 (Item 15 from file: 148)

DIALOG(R) File 148:(c)2005 The Gale Group. All rts. reserv.

Low price perception for domestics survives upgrading. (Special Section - The K mart Story)

Dec 8, 1986

18/TI,PD,AB/39 (Item 1 from file: 275)

DIALOG(R)File 275:(c) 2005 The Gale Group. All rts. reserv.

High-end audio for multimedia environments. (includes related articles on selecting speakers for multimedia sound) (Buyers Guide)

Sept, 1994

ABSTRACT: Audio is an integral part of multimedia. Unfortunately, sound is often degraded by poor speakers. When properly used, sound can add a great deal to a multimedia presentation. Sound reproduction depends on the software, a sound card, and self-powered speakers. Lower-end sound cards use an 8-bit format, which can **limit** the quality of the audio. A 16-bit card offers **higher quality**. Some software can also drive a MIDI sound card, which can generate many **high - quality** musical sounds. Most self-powered speakers are small and inexpensive, although the **highest quality** sound will require a more powerful speaker. Stand-alone units have a built-in power supply. Although they offer the greatest flexibility, they are the most inconvenient to use. An integrated stereo system has a single set of controls like a stereo system. A three-piece, integrated subwoofer/satellite system is state-of-the-art, and creates a **high quality** stereo sound and rich bass.

18/TI,PD,AB/40 (Item 2 from file: 275)

DIALOG(R)File 275:(c) 2005 The Gale Group. All rts. reserv.

MiniFinders. (buyer's guide to Apple Macintosh hardware and software) (buyers guide)

August, 1991

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25/K/1 (Item 1 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

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01951569 46117454

Crafty creations

Gowan, Michael; Milstead, Jeffy K; Long, Ben; Beale, Stephen; Et al

Macworld v16n12 PP: 96-104B Dec 1999

ISSN: 0741-8647 JRNL CODE: MAW

WORD COUNT: 6375

ABSTRACT: With several ways to get drawings and family photos into your Mac and with excellent **photo - quality** printers selling cheap, it is high time to get artistic and create some homemade gifts...

...TEXT: ways to get those crayon drawings and family photos into your Mac and with excellent **photo - quality** printers selling cheap (see "Color Ink-Jet Printers," Reviews, September 1999), it's high time...

...computer. You could make an investment of hundreds (or thousands) of dollars in a new, **high - quality** digital camera (see "Digital Cameras Develop," September 1999). Or if you don't want to...

...newspaper article about mom's triumph in the city-council elections-you'll get a **lower - quality** scan and you may see distortion waves (also known as mouse patterns) in your image...

...Scanning Photos and newspaper clippings are great, but as you create your holiday project, why **limit** yourself to images of flat objects? The world is three-dimensional, and what you scan...comes bundled with almost all the scanners we looked at.) However, if PhotoDeluxe seems too **limited** to you and Photoshop's professional price tag makes you choke on your eggnog, consider...s manufacturer probably sells several different papers tailored specifically to your printer. Switching to a **high - quality** glossy or coated paper can turn a mediocre print into a **photographic - quality** print. Be sure to **select** the appropriate paper settings in your Print dialog box (see "Unlock Your Printer's Potential...printer. (Before you stick something very thick in your printer, you should see what its **limits** are by checking the manual.) They may not produce **photo - quality** output, but a porous, ink-absorbing watercolor paper can give you a more painterly look...

...inspiration, PhotoDeluxe offers card templates for most major holidays and occasions. The selection is very **limited** (for example, there are two Christmas and Hanukkah templates and one for New Year). Unfortunately... every .com). Each of the packages cost between \$10 and \$20 at our local CompUSA (**photo - quality** cards hit the **higher** end of the scale). Your cost may vary.

Most ink-jet greeting-card papers are...

...coating on one side that makes photos and brightly colored graphics print at a much **higher quality** . We recommend this type of paper, especially if you want to print a photo on...

...on a grainy, cloth surface, images will lose much of their detail. You're generally limited to 360-dpi output, even if your printer is

capable of higher resolution. You can...
...less than 72 points will be unreadable at a distance.

In some cases, the transfers' **limited** quality can be a blessing. Photos that look bad in print might look just fine...eventual destination of your photos is a CD-ROM, save the JPEG images at the **highest** -possible image-**quality** setting. Your files will be large, but that won't matter, since they'll be...

...photo album for the Web, save a version of each image in another folder and **choose** a **lower** JPEG image- **quality** setting so these copies will be small enough to transfer quickly across the Web. Begin...

...Which scanner is the one for you? To help you choose, we tested eight scanners **priced** between \$100 and \$200.

To evaluate image **quality** , Macworld Lab scanned a test **photo** , using default settings in either Adobe PhotoDeluxe or MicroFrontier Color It. We printed samples from...

...white, mode and asked the panel to evaluate these scans for sharpness.

A Question of **Quality** Although all these entry- **level** scanners produced acceptable images, none were perfect. All but one, the \$140 Artec 1236USB-iMac...

25/K/2 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01866275 05-17267

Credit and fixed-income: Can we learn from equity management?

Munro, Joanna

Global Investor n124 PP: 34-38 Jul/Aug 1999

ISSN: 0951-3604 JRNL CODE: GLI

WORD COUNT: 2953

...TEXT: manager, may only target stock and sector picks but will construct the portfolio to have **limited** country exposure relative to his index.

Manager C, a credit fixed-income manager, may be...

...portfolio, but still needs to know if there is sufficient diversification in the portfolio to **limit** single issuer exposure.

Dimensions of risk and return

What are the possible sources or dimensions...

...types of risk. In practice, of course, some sources of risk will have a very **limited** impact and can be ignored: the global fixed-income manager investing primarily using governments and...

...or swaps and the credit rating of cash investments, the mark-to-market impact was **limited** to changes in swap spreads.

Post-euro, credit-enhanced portfolios have increased the role of security

selection , sector and **quality** decisions in portfolio risk and return. In our dimensions illustration we highlight the key sources...is likely to have a longer price history than a portfolio of bonds. Where a **price** history does exist for a corporate bond, the **quality** of the data is likely to be poorer than for stocks, with thin markets and...

...the lack of data makes it difficult to model spread correlations and volatilities at each **quality level** .

Clearly the credit risk management problem requires more than a simple combination of equity and...uncertainty as to the recovery rate). The credit manager targets absolute return to maturity, with **limited** exposure for the bank capital. They will need some initial pricing tools to value the...

...neutralize duration and yield curve exposure relative to our index and diversify across issuers to **limit** exposure to issue specific volatility. Our approach to risk management reflects our credit style.

EMS...

...to check for adequate diversification. Duration-weighted Credit Exposure (see box on page 35) is **limited** to single A-minus.

Note that, because we target duration and yield-curve neutrality in...

...these problems, investment managers have tended to look to bank risk systems, but these have **limited** relevance as bank credit departments and asset managers face different issues. Although commercially available risk ...

...diagrams below show the distribution of portfolio holdings by duration (the horizontal axis) and credit **quality** (the vertical axis). The top **picture** represents a portfolio where the **lower** credit **quality** issues have the shorter duration, giving a fairly low durationweighted credit exposure. In the portfolio described by the bottom diagram the **lower** credit **quality** issues have **higher** duration, giving a higher duration-weighted credit exposure. For this reason we monitor portfolio credit...

25/K/3 (Item 3 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01817399 04-68390

Approaching Mexican retailers

Frastaci, Mona

Apparel Industry Magazine v60n5 PP: 26-28+ May 1999

ISSN: 0192-1878 JRNL CODE: ANM

WORD COUNT: 2652

TEXT: Headnote:

Opportunities await in a country where name brands, **quality** and service are indispensable.

(**Photograph** Omitted)

The implementation of the North American Free Trade Agreement (NAFTA) in 1994 has brought...

...though not on Mazarik, are looking for the hottest fashions, the biggest names and the **best quality** they can find. And because of the range of choices that became available with NAFTA...

...the country. Vega states that 80 percent of all U.S.-imported apparel, of all **price** and **quality levels**, sells at these street markets.

So determining how much U.S. apparel is consumed in...and NAFTA, the Mexican consumer was held captive to the domestic apparel manufacturer," he says. "**Quality** and **selection** were **limited**, but because of the openness [that came with NAFTA], the consumer became much more demanding...

...The appeal of American made goods might be that they are perceived to be of **high quality**. However, that alone doesn't do much for a manufacturer - you can't make that...

25/K/4 (Item 4 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01766197 04-17188

Quality management: A new challenge for the Greek construction industry

Zantanidis, Stylianos; Tsiotras, George

Total Quality Management v9n7 PP: 619-632 Oct 1998

ISSN: 0954-4127 JRNL CODE: TOQ

WORD COUNT: 5020

...TEXT: division of labour), as well as the application of specialized machinery and advanced technology, is **limited** mainly due to the uniqueness and immovability of the products.

Labour intensity is high and...

...also one of the most territorially dispersed ones.

* The low degree of capital intensity implies **limited** specialization of firms with regard to the types of products.

* The small average firm size...series of temporary monopsonies, since tendering is the predominant way of getting a project.

* The **limited** degree of product specialization makes functional market segmentation **limited**. However, regional market segmentation is quite significant.

* Competition is based more on **price** and less on **quality** and time-span of delivery.

*Competition is often fierce, even destructive, forcing firms to bid under **price**, depending on the business cycle.

* **Quality** control is necessary but difficult. Fierce competition has induced entrepreneurs occasionally to use cheaper and **lower quality** building materials or to 'adulterate' their products in other ways.

For the capital market of...

...better and more functional design.

Quality assurance

Aggressive competition, both at the regional and international **level** , has imposed **higher quality levels** in almost all business activities and sectors. To ensure their position in the emerging international market, construction firms in many countries are actively engaged in trying to achieve internationally accepted **quality levels** . Terms like **quality control**, **quality assurance** and **quality management** are more or less a part of the normal terminology of...decreased real net incomes;

(3) tax legislation which created negativity in the housing market;

(4) **limited** and slow development of housing credit.

The main products of building construction activities are buildings...given for each parameter).

The three most important competitive advantages of firms (Fig. 3) are **quality** , **price** and guarantee (Fig. 3 graphically presents the proportion of responses given for each advantage).

These...

...are determined to implement quality assurance systems.

Even though the awareness on the meaning of **quality** is **low** , management appears to be well informed on the meaning and structure of quality assurance systems...

...performance on bidding activities;

* improved relations with public authorities;

* ability to bid for projects with **higher** budgets and special **quality** requirements;

* better production/operations planning and scheduling;

* improved performance on problem-solving and non-conformance...

...construction industry are the following:

* The main criteria that firms use for supplier assessment and **selection** are (Fig. 5):

(1) **price** ;

(2) **quality** ;

(3) previous performance;

(4) delivery time;

(Graph Omitted)

Captioned as: Figure 5.

(5) market name...an autonomous quality control department.

* About 54% of the responding firms measure the cost of **quality** .

The **picture** of the organization that is directly related to quality assurance system consists of the following...

...control activities;

-organization of training programmes on quality control;

-assignment of responsibilities and authorities for **quality** control to **lower level** personnel (after giving them proper training).

Conclusions

The main conclusions of this research are directly...

25/K/5 (Item 5 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

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01017804 96-67197

The development of measures of the cost of quality for an engineering unit

Johnson, Mark A

International Journal of Quality & Reliability Management v12n2 PP: 86-100 1995

ISSN: 0265-671X JRNL CODE: IJQ

WORD COUNT: 5837

...TEXT: a variety of major US corporations.

A number of engineering measures of the cost of **quality** were identified. These included measures of both the **price** of conformance and the price of non-conformance. More importantly, however, was the discovery that...

...the role of the accounting unit, cost data collection, reporting mechanisms, and the findings from **selected** project interviews.

The cost of **quality**

The client organization adheres to the Philip Crosby approach to TQM. The Crosby approach prescribes...

...of quality (COQ). The cost of quality includes any costs that are attributable to achieving **quality** and the Crosby approach focuses on the **price** of conformance (POC) and the price of non-conformance (PONC), the two components of the...

...of operating costs in service companies.

COQ programmes are useful because they support the profitability **picture** of an organization. **Quality** gurus such as W.E. Deming and Philip Crosby assert that there is a direct...

...In addition, Taguchi has presented a mathematical loss function to capture the economic implications of **poor quality** . When a product fails to meet customer or performance characteristics, numerous direct and

indirect costs...

...when products are as close to the specified target value as possible. In other words, **higher quality** results in **lower** costs and possible increases in profitability[2,3].

COQ programmes enable personnel to use the...

...has been discussed for over 30 years, its implementation, until more recently, has been largely **limited** to measuring defects in production. But the COQ can be computed in both production and...refers to collecting costs that are complete accounts in the books. Examples include scrapped projects, **quality** training, rework time, liability **payments**, premium freight, and expediting charges, penalties for missed deadlines, and travel/phone costs associated with...

...and involvement will:

- * provide validity to the programme;

- * ensure that collection costs remain within practical **limits** ;

- * provide an opportunity for effective teamwork to develop between the accounting and the quality functions...have success in a programme you have to have measurement. We have monthly reviews of **quality** performance at the corporate **level** whereas we have weekly reviews of **quality** at the divisional **level** . We could not do it without metrics. You have to relate the quality metrics to...

...is the one with the best accountant. We see these COQ measures as impediments to **higher quality** . Our measurement system is based more on business measures of our various product organizations. We are implicated.

Each of the **quality** experts discussed the **price** of non-conformance. Their emphasis was on the cost of error, not on the cost...

...without Tears, Penguin Books, Ontario, 1984.

2. Johnson, R.D. and Kleiner, B.H., "Does **higher quality** mean **higher** cost?", International Journal of **Quality** & Reliability Management, Vol. 10 No. 4, 1993.

3. Evans, J.E. and Lindsay, W.M...

...WI, 1988.

"Cost of quality: yes, you can measure it", Training, 1990.

DeYoung, G., "Does **quality** **pay** ?", CFO, September 1990.

Denton, D.K. and Kowalski, T.P., "Measuring non-conforming costs reduced...

25/K/6 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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07693944 Supplier Number: 63990046 (USE FORMAT 7 FOR FULLTEXT)

PAPER NEWS. (Brief Article) (Statistical Data Included)

Printing World, p8
 August 7, 2000
 Language: English Record Type: Fulltext
 Article Type: Brief Article; Statistical Data Included
 Document Type: Magazine/Journal; Trade
 Word Count: 508

... fine papers for graphic production, copying and digital printing. Graphic Fine Paper Collection contains a **selection** of high **quality photographs** reproduced on each of the company's fine paper offerings. The company has also republished...

...available through paper supplier Robert Horne.

The Creative Link has relaunched The White Guide, a **limited** edition visual guide to offset litho printing on its range of white uncoated paper. The...

...are suited to particular images.

Raflatac has introduced a full gloss range consisting of five **high quality**, woodfree papers coated on one side. The range, comprising Raflasilk, Raflacoat, Raflalite, Raflagloss and Castgloss...

...coated by on-machine, off-machine and cast coating, offering customers alternative materials with differing **price**, **quality** and performance **levels**.

Classic Papers is incorporating the work of graduates from Croydon College into a calendar to...

25/K/7 (Item 2 from file: 16)
 DIALOG(R) File 16:Gale Group PROMT(R)
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05400767 Supplier Number: 54466887 (USE FORMAT 7 FOR FULLTEXT)

SECTION 3: PREPRESS ELECTRONIC IMAGING.

Printing Impressions, v40, n2, p136(1)

July, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 24351

... sheet that has the cyan/magenta/yellow builds. Unit incorporates dot gain figures typical for **high - quality** printing equipment. Can compare CMYK color to RGB monitor color. Eliminates leafing through pages of...

...with most desktop programs. Enables printers without extensive technical color expertise to proof and print **high - quality** color. Accepts any RGB TIFF (TIFF. R) or Photo CD file; outputs CMYK TIFF (TIFF...products: Color Target, which calibrates scanners based on the ANSI IT.8 standard; Scanner Originals, **high - quality** original transparencies and prints used to evaluate the performance of the scanner and its software...

...specific profile generation and linking of such profiles to span complete workflows, as well as **high - quality** conversions between color spaces. Bundled with a QuarkXTension and two Photoshop plug-ins. FotoTune LE **limited** edition color management software packaged with Agfa scanners. Links the color characteristics of scanners to...

...and peripherals. Additional interfaces and storage devices optional.

PreView is an affordable desktop solution for **high - quality** 300-dpi dye-sublimation proofing of comps and preliminary output. Ideal for remote or standard...Info Card

HighWater Designs

HighWater offers the Seiko Colorprint 835 RSH digital color proofer for **high - quality** dye-sublimation proofs or thermal wax transfer. 300-dpi resolution in both modes. Page size...Epson Stylus Pro XL ink-jet printer produces large-format (maximum 12.5x18" full-bleed) **photo - quality** comps and final color proofs. Outputs color at 1 ppm with a resolution of 720x720...

...22".

Circle 965 on Info Card

Fuji Photo Film USA

Fujifilm Color-Art system produces **high - quality** color Fuji Proofs (positive and negative). Begins by exposing four (CMYK) Color-Art films and ...Ipi. Three drum sizes, off-scanner copy loader, and all software and hardware to produce **high - quality** images independent of the workstation.

405HR digital desktop scanner produces RGB/CMYK data in variable... adds a cassette feeder to TOPAZ functionality for fully automated scanning. Achieves more than 20 **high - quality** scans/hr. Handles standard TOPAZ sizes, plus 5.1x5.1" Robot cassettes for reflective art...

...Optional 10-sheet feeder. Dimensions: 11x4.3x2.2"; 2.4 lb. Includes Caere OmniPage Direct **Limited** Edition, PageSuite scanner software and Quick Panel utility. Windows 95 compatible.

Circle 986 on Info...and Image Quality Estimator.

Circle 867 on Info Card

DALiM

DALiM LiTHO software package for **high - quality** imaging and page assembly. Delivers high productivity by combining all tools required for page manipulation...

...Operator has total control over tone reproduction, color correction, USM, UCR/GCR and sizing for **high - quality** color separations. 7-color data can be rendered from any 4-color file. Output can...trapping technology, plate separation, PostScript Level 2 compatible RIP, image management, complete calibration capabilities and **high - quality** screening. Upgradeable and flexible.

Professional Label System prepress solution for the tag and label market...and Boolean rendering. Available for Windows and Mac. Bryce 2 Accessory Kit for access to **high - quality** models, materials, images and skies.

Vector Effects plug-in extensions for Macromedia FreeHand and Adobe

...

...engine.

Circle 890 on Info Card

Ultimate Technographics

Trapeze 2.0 advanced trapping solution offers **high - quality**, reliable trapping results, true automation and the flexibility of multiple input and output options. New...

...easy conversion to view camera and the widest selection of lenses. Ideal for studio still **photography**. 42-bit capture and **high image quality**.

Leaf Digital Camera Back 2 electronic color camera back captures

digital images and, using a...

...interface, passes them directly into a Macintosh computer. High-res, with dynamic range and reproduction **quality** for the most **selective** catalogs or magazines.

Circle 990 on Info Card

Agfa Div., Bayer Corp.

StudioCam digital camera...printers producing fully imposed 8-up film output. Preflight, trapping, imposition, color separation, RIPing and **high - quality** imaging. Based on Mainstream server, with on-shore Cobra PostScript Level 2 software RIP, running...files over a BRI line at the speed of a PRI. SmartMove compression software for **high - quality** professional images that are up to 10x smaller in size, resulting in: less transfer time...

...technology, which offers users extremely sharp images with the easy handling of rapid-access processing. **High** image **quality** and wide exposure latitude for final film, whether line, halftone, dot or stochastic dot. No...

...due to increased stability in the developer. Exhaustion resistant. HQ product for every application from **high - quality** scanner film to traditional process camera films. High Dmax ensures flawless image transfer to the...

...Dry Tech imagesetting film is a dry-processed film that has the hard dots and **high** resolution needed for **high - quality** color reproduction. Requires no chemical processing, thus increases productivity and is environmentally sound. Contains no...

...helium-neon and red LED d. High-speed, high-contrast film produces sharp type and **high - quality** halftones.

LaserRed RLD **high** -speed, high-density rapid access film for visible red laser diode imagesetters. Permanent anti-static...

...punches available).

Circle 925 on Info Card

Image Graphics

ELECTROCOMP 2000 Automated Publication System records **high - quality** 70mm plateready film (including 133-lpi halftones) from PostScript digital data for use in Rachwal...adaptable, self-correcting aperture system. Combines long life and dependability of laser diode imaging with **high quality** of HeNe output. **SelectSet** Avantra 20 (outputs 14x20"), Model 25 (outputs 18x25") Model 36 (28.5x36-imaging area), Model...

...dust; color and image controls to fine-tune color response. Alto LS for applications requiring **high - quality** images on negative or reversal film.

ProSlide 35 color film recorder for desktop slide production...

...on Info Card

Purup-Eskofot Inc.

ImageMaker MAGNUM large-format internal-drum, PostScript imagesetter for **high** -volume, **high - quality** output of color separations up to 32.3x47.2" Resolutions from 1,270 to 5...and 450 improve on 200 and 400 models with 40% higher throughput and support for **higher - quality** screening. Include new spinner driver, high-speed air spinner, DC brushless motor, VLSI board, Class...

...DrySetter, a dry film imagesetter developed in partnership with Polaroid Graphics Imaging, combines Linotype's **high - quality** drum imagesetter technology with Polaroid's Dry Tech imagesetting film and Dry Coat processing unit...

...Circle 903 on Info Card

Ultre, Capstan Imagesetter Div., Heidelberg Group

Ultre 5400 rapidly produces **high - quality** color separations at up to 3,386 dpi over a 16" format and with improved...

...Ultre 3000/4000 employs a dynamic air-bearing motor and pentaprism scanner mirror to achieve **high** color separation image **quality**. 3000 supports a 12.2" width; 4000 supports 15.75" width.

Ultre VISION laser diode...

...Produces four-color separations with precision registration.

UltreSetter P combines technological sophistication and engineering simplicity. **High - quality**, PostScript-compatible imagesetting offered.

Circle 916 on Info Card

Fuji Photo Film USA

Celix 4000...and resolution as needed. TruScan 600 and 800 gray scale and b&w scanners provide **high - quality** scanning at an affordable **price**

Circle 997 on Info Card

Graphic Enterprises of Ohio, Systems Oasis Div.

Distributor for TECSA...Ideal for b&w reproduction and may also be used for color separations.

HQS Screening: **high - quality** supercell rational tangent PostScript screening. Produces PostScript color output with minimal visible moire. In Helix...

...3060 PS which creates ideal dot shape.

Diamond Screening stochastic screening technology can produce near-**photographic quality** in printed work. **Best** for most difficult repro jobs. Optional in Helix, PostScript RIP 50 and DeltaTechnology (both HQS...

...on Info Card

Agfa Div., Bayer Corp.

CristalRaster 2.5 frequency-modulated screening technology brings **photographic - quality** reproduction to **high** -resolution, 3,600-dpi PostScript output. Halftones generated with CristalRaster have no built-in structure...

...all 1,024 gray levels to eliminate banding.

Finesse Screens reproduce high-frequency screens at **low** resolutions for **photographic - quality** output up to 1,000 LPI.

Harlequin Dispersed Screens Harlequin Dispersed Screens (stochastic) for reproducing...LED array image writer for output. Its 600-dpi resolution and electrophotographic process enhance image **quality**. Supports PostScript **Level 2**, and TIFF Group IV image files.

The Kodak 1392 printer, model 44, is a...

...PrintServer family for on-demand printing.

Also offers two new printer families. PageStream series produces **high - quality**, **high** -resolution printing. DemandStream series of printers, servers and services specifically for on-demand applications.

DemandStream 75: versatile, high-speed, cutsheet electronic printer

that utilizes DemandStream technology to deliver razor-sharp, **high** -contrast image **quality** across entire page. Image generator has no moving parts. 600-dpi resolution. Output speed of...Card

Escher-Grad Technologies

Esther-Grad RIPServer is a full implementation of Adobe's PostScript **Level 2** software for **high - quality** text and color printing with the entire Escher-Grad Imaging System. Eliminates device-dependent RIPs... available memory.

Splash Color servers transform Xerox color copiers and Fuji Xerox Acolor copiers into **high - quality** Adobe PostScript color printers, scanners and prepress proofing systems. Fit transparently into any network. High...

25/K/8 (Item 1 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

12133068 SUPPLIER NUMBER: 60016337 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Brand Endorsement, Popularity, and Event Sponsorship as Advertising Cues Affecting Consumer Pre-Purchase Attitudes.

Dean, Dwane Hal

Journal of Advertising, 28, 3, 1

Fall, 1999

ISSN: 0091-3367

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 7899 LINE COUNT: 00717

... cues relate to the physical product. For example, intrinsic cues for a television would include **picture quality** and size of the viewing screen. Extrinsic cues usually relate to intangible product attributes...

...is an abundance of cues, only a few will be fully processed, due to the **limited** capacity of the human processing system. Cue selection will likely be on the basis of...

...advertising cues of interest will affect key brand/manufacturer related variables. The four dependent variables **selected** for this study are: perceived product **quality**, perceived product uniqueness, manufacturer esteem, and perceived corporate citizenship. All four variables are sub-constructs...buyers and sellers have asymmetric information when approaching a market exchange and that sellers of **high - quality** goods wish to distinguish themselves from sellers of **low - quality** goods (Boulding and Kirmani 1993). To this end, firms may send pre-purchase signals about...

...quality. It is believed that consumers look for signals which would be unprofitable for the **low - quality** seller to send, but profitable for the highquality seller. This duality leads to a "separating equilibrium" among the firms on **quality**. Because a CR "Best Buy" rating is awarded to only one product per category, this endorsement would appear to...from fads and fashions, which may place consumers under "social pressure" to conform. In this **restricted** sense, brand popularity in marketing has received relatively little attention; it is essentially **limited** to being a component of brand equity (Aaker 1996). Also, a distinction must be drawn ...

...value (only one brand can have the highest market share). In their review of product **quality** signals (including brand name, **price**,

physical appearance, and retailer reputation), Dawar and Parker (1994) note that the relative importance...stimuli; the inclusion of this information may interact with other cues. All of the above **limits** the conclusions that may be drawn from this study.

An implicit assumption of this study...

...repetitive viewing of the ad on attitude formation was not investigated. All of the above **limit** the generalizability of the results of this study.

Implications. Of the extrinsic cues considered...

...set. Alternatively, consumers may raise their evaluation of the low-image brand, but adjust the **quality level** downward to reflect uncertainty. Further research is needed to clarify how endorsements may interact with other **quality** cues such as brand, **price**, physical appearance, and retailer reputation.

As noted above, the popularity cue did not have a...Relationship," Journal of Marketing, 57(July), 1-18.

Zeithaml, Valarie A. (1988), "Consumer Perceptions of **Price**, **Quality**, and Value: A Means-End Model and Synthesis of Evidence," Journal of Marketing, 52(July)...

25/K/9 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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09089771 SUPPLIER NUMBER: 18835637 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Pixel-perfect images. (nine digital-imaging solutions reviewed) (includes related articles on new Minolta RD-175, how products were tested, Fujifilm Endeavor 4000SL, Play Snappy Video Snapshot) (Hardware Review) (Evaluation)

Dunn, Julie
InfoWorld, v18, n45, p80(8)
Nov 4, 1996

DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 10258 LINE COUNT: 00809

...ABSTRACT: image quality. Olympus America's Olympus D-200L earns a top rating because it combines **high - quality** images with speed and a low **price** of \$580. It avoids the trade-offs plaguing other products. The Umax Vista S-12...

...producing richer and more accurate images than any other device and the Epson offering a **low price** and **high - quality** software. Ricoh's RDC-1 digital camera has the most parts and pieces but is...

... money. We also assumed that because the photos are to be seen on-screen, extremely **high quality** was not an issue. Therefore, we **chose** products from the consumer market and steered clear of professional-level tools.

Digital cameras have...

...pixels. Consumer-level CCDs cost less because they have fewer elements, but they produce a **lower quality** image. All the products in this comparison contain one CCD.

Another method of acquiring digital...

...come with software; therefore we reviewed Kodak's Photo CD Access Plus, which is a **low** -cost option.

Image **quality** is perhaps the most important consideration to make when purchasing a digital camera. We shot...

...and a 24-bit scanner and be guaranteed nearly perfect digital images. To get that **level** of **quality** out of a digital camera, you need to spend at least \$15,000 on a...taken. You can display as many as nine images in the LCD screen. You are **limited** to a 480-by-240-pixel resolution.

Image processing (20%) Good 1.2

The camera...create dozens of special effects. It even provides templates for creating calendars and cards.

Image **quality** (20%) **Poor** 0.4

The Casio's pictures were the worst of the group. The lighter colors ...your pictures and get information about the file size. The Preview List lets you preview **selected** files and file information.

Image **quality** (20%) Satisfactory 0.8

The Ricoh's image quality was similar to the Chinon's...

...gamma curve, a graph that gives you information about the image lighting, will appeal to **high** -end users.

Image **quality** (20%) Very Good 1.6

The images produced by the Nikon were detailed and sharp...

...Photoshop comes bundled with the scanner.

Image quality (20%) Excellent 2.0

Umax's image **quality** was the **best** of the group. The colors were vibrant, rich, and accurate. The small objects were captured...a screen where you can crop it, change the resolution, and adjust the color.

Image **quality** (20%) Very Good 1.6

The Photo CD produced **high** - **quality** images that were on par with the scanners. The colors were rich and vibrant; the...

...infoworld.com/cgi-bin/displayTC.pl?/pcphotos110496.htm to clearly see the difference between the **pictures** that made the **grade** and those that didn't.

NEW TECHNOLOGY

Eastman Kodak Co., in partnership with Hewlett-Packard...We recommend Nikon Inc.'s N-70 35mm camera and 35-80mm lens combination for **high** - **quality** film images at a reasonable **price** . The camera is lightweight and has a built-in flash, and you can choose between...

...PhotoPC digital camera earned a respectable place in the comparison primarily due to its \$450 **price** and **high** - **quality** software, which is a lot like Umax's. The camera's design is awkward, it...

...film development process also makes this solution a little more time-consuming. Still, the image **quality** was among the **best** , and the software is so full-featured, it's like an image editor.

We were...nickel-cadmium batteries to run, and you can't even get started until they're **charged** . The image **quality** was on the **low** end, and downloading the pictures to the computer was complicated.

-----The Score-----

Olympus D-200L...

...image blows up to full-screen size, where you can make fine adjustments to the **quality** of the **picture** .

Snappy can capture images at three pixel resolutions: 320 by 240, 640 by 480, and...

...Corp. has come to the rescue with the RD-175, a digital camera that produces **high - quality** images at a **price** that won't break a commercial photographer's budget. Minolta combined digital imaging technology with...

...camera for a test ride and were thrilled with the results. The RD-175 produced **pictures** with an on-screen **quality** that rivaled those scanned with a high-end flatbed scanner at 300 dpi. Plus the...if you're already a Maxxum camera owner or if you want to produce reasonably **priced quality** digital images.

Minolta, in Ramsey, N.J., is at (201) 825-4000 or <http://www...>

25/K/10 (Item 3 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB
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07274695 SUPPLIER NUMBER: 15261659 (USE FORMAT 7 OR 9 FOR FULL TEXT)
1994 trade show in print. (appliance industry suppliers)

Appliance, v51, n5, p77(66)

May, 1994

ISSN: 0003-6781

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 22833 LINE COUNT: 01934

... be used to heat bi-metal strips used in control devices. The application possibilities are **limited** only by your imagination.

There are two types of resistor pastes being used today. One...C may be achieved. Some cermet pastes have positive temperature coefficient (PTC) properties. A self- **limiting** heating element can be designed to eliminate the need for peripheral controlling devices.

EUBANKS ENGINEERING...Varflex Corporation, Rome, NY, has been dedicated to producing braided, electrical insulating sleeving of the **highest quality**. Varflex was the first to braid fiberglass sleeving and the first to use silicone varnishes...plates and cams, and other diemakers' supplies.

Danly Die set is a division of Connell **Limited** Partnership.

RELIANCE MOTION CONTROL BOOTH 852

ELECTRIC MOTORS

Reliance Motion Control excels in the design...

...production line. The U-S Safety Trolley Corp. Tri Bar/Four Bar is made of **high quality** continuous copper conductors, insulated and housed in high-tech PVC. Tri Bar/Four Bar has...100 A E-Series. The company's inhouse tooling and parts fabrication capabilities ensure consistently **high quality** products, short lead times and competitive **pricing**.

POTTER & BRUMFIELD, INC. BOOTH 784

THERMAL CIRCUIT BREAKER

A series of switchable, thermal circuit breakers...

...to your power supply cord needs for the global marketplace.

When your specification is for **high quality**, reliable domestic cords, AEC can provide you the custom parts you need for your application ...effective and efficient service, please call on the company to quote, manufacture, and deliver your **high quality** power supply cords, so you, too, can experience The Power of Quality.

X-RITE, INC. BOOTH 863

COLOR CONTROL INSTRUMENTS

Since 1976, X-Rite, Inc., has been innovating and manufacturing

highly technical instruments for **quality** control. Today, the company is a leading supplier of **quality** control instruments to the **photographic**, medical, packaging, graphic arts, paints, plastics, and textile industries. X-Rite's dedication to the...

...distributed in over 70 countries around the world. X-Rite is committed to providing the **highest level** of product **quality** and customer support for each product it sells and each market it serves.

X-Rite...Arcoelectric products are electrically approved in 14 countries.

Most product assembly is automated, assuring the **highest quality levels**.

SOMI PRESS BOOTH 845

DIE-CASTING

SOMI Press has been operating in the die-casting...

...is able to meet very large orders and to supply products that have a very **high quality** standard.

Conceiving, designing, and manufacturing dies internally, as well as offering specific technical consultancies to...

...Loc joining system is used widely throughout North America, Europe, and Japan due to its **low** production cost, simplicity of **quality** control, and compatibility with coated or painted metals. BTM designs and builds Tog-L-Loc...pieces of highly sophisticated equipment, including advanced cold rolling pilger mills that substantially increased the **quality level** of the company's thin-wall, industrial grade copper tube. The equipment yields benefits to...

...in material for high volume service centers and 0.20 in by 36 in wide **limit** volume but affordable equipment for in-house or OEM operations.

The technologies of Strilich's...application. By maintaining safe levels of custom inventory for you, immediate delivery is ensured--with **price** protection--regardless of sudden production schedule changes. **Quality** product, **price** protection, and on-time delivery all combine to form a "worry-free" way to buy...

...enables you to handle your customer's requests and demands with greater confidence--and again, **price** protection.

Product **quality**, close communication, prompt delivery, and inventory reduction are all vital factors to your operation. Stressing... you to worry when the company is your supplier, for it is committed to providing **high quality** fasteners when you need them. The company has accepted the challenge to provide the outstanding...As a subsidiary of Allegheny Ludlum Corporation, one of the world's foremost producers of **high quality** stainless steels, ALstrip can provide the technical support required to help solve your application problems...are monitored for heating, cooling, and fan thermostatic signals as well as roll out, high **limit**, and pressure switch status.

All controls are A.G.A. and CGA qualified to ANZI...

...products, silicon electrical steels, and nickel/flash ternecoated products in carbon, high-carbon, alloy, and **high strength grades**. Major users of WCI products are converters, steel service centers, manufacturers of tubing, pipe, and...SWITCHES AND CONTROLS

GAMA Electronics, headquartered in Crystal Lake, IL, is a volume supplier of **high quality**, cost-effective switch and control products to the electronics industry. Over the past several years...with special

projects.

In a business in which every job is a custom job, maintaining **high levels of quality** through such technology as CAD/CAM, SPC, continuous development of proprietary systems, responsiveness, meeting delivery... Tecate Magnetics offers both standard and custom product. Call with your design specifications.

Specializing in **high - quality**, **low -cost audio** components and crossover networks, Tecate Products offers a complete line of terminals, posts, enclosures, wire...
...manufactures over 100,000 assemblies per month in the Mexican facility. Tecate products offers a **low -cost, high - quality** alternative.

In San Diego, the Tecate Group maintains a fully equipped design and test facility...

...national network of sales representative and stocking distributors, C&K offers switch products with consistent **high quality** at a cost effective **price** and the fastest delivery.

PYRAMID NORTHERN MOULDINGS BOOTH 770

CUSTOM ROLL FORMS/COMPONENTS/ASSEMBLIES

Pyramid...N45.2. Statistical process control is implemented to prevent processing defects, while maintaining an improved **level of quality**.

Designed to replace conventional materials, Bisco's silicone materials offer high and low temperature resistance...Statistics--push key to view Mean (X), standard deviation (0) or number of readings (n); **Limits** --adjustable high and low **limits** with buzzer and warning light;Counted mode--define numbers of readings in group and stores...

...currently offered by Ashby-Cross Company.

Aimed at adhesive users that are under tight budget **restraints**, the unit is designed to offer all the benefits of automatic meter and mixing at ...

...adopt the use of every-model-every-day appliance production.

This manufacturing philosophy is not **limited** to the home appliance sector. Fisher & Paykel has also supplied flexible systems to the water... engineering thermoplastics, the fastest growing segment of the plastics industry. The company manufactures a broad **selection of high** -performance resins, including many **grades** specifically developed to answer appliance industry needs for greater cost efficiency and productivity.

Impact resistant...

...toughness and durability; high-impact and flame retardant products meet regulatory and safety standards; and **high -gloss grades** provide aesthetic appeal-important considerations for appliance housings.

These products are backed by an international...

25/K/11 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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05592946 SUPPLIER NUMBER: 12399671 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Manufacturers. (laser industry) (The 1992 Buyers Guide) (Directory)

Laser Focus World, v27, nSPEISS, p746(155)

Dec 15, 1991

DOCUMENT TYPE: Directory

ISSN: 0740-2511

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 139277 LINE COUNT: 11434

... porefree for reflectivity, extreme corrosion resistance, and diffusion barrier; OptiNickel [TM]- State of the art **high** phosphorus electroless nickel for corrosion resistance and diamond turning; OptiAnodize [TM]- Custom properties for particular...Beam Analysers (LBA) and Laser Diagnostic Software for LBA (on AT and compatible PC) for **high** power [CO.sub.2] and YAG lasers, Laser Penetration Monitor for speeding up laser drilling...bus mgr, Marjorie Christen; emp 8, s&e 1, 1975 Manufactures stock and custom diffraction- **limited** apochromat lenses, telescopes and mountings for astronomical & industrial applications. Supplies design & prototype services for visual...gen mgr, Reg Armitage; emp 25, s&e 15, 1963 Instruments division designs and manufactures **high quality** fiberoptic fusion splicers and active fiber detectors. Communication division specializes in reconfiguring fiberoptic token ring...1987 Manufactures display devices, camera tubes, image tubes, photomultipliers and power tubes. Develops and manufactures **high quality** electron tubes. Total system supplier in closed circuit video equipment for surveillance applications. Serves industrial...prisms, polarizers, and optics; integrated-optics waveguides and coupling prisms; elemental & compound semiconductor substrates; and **high - quality** GaP and rutile for acousto-optic devices. Strontium titanate and experimental substrates for superconductors. Substrate...

...Algera; emp 187, s&e 15, 1951 Manufactures fiberoptic sensors and sensor systems; such as **limit** switches, proximity, rotary, pressure liquid level & temperature. Also offers fiberoptic pressure and vacuum penetrators.

Concept...qc, Tony Rizzo; sci & eng dir, Vladimir Vaynerman; emp 40, s&e 2, 1960 Manufactures **high -purity/ quality** synthetic fused silica (SiO.sub.2) for optics, lasers, electronics, and research applications.

* Dynatech Electro...mktg, James Bertsch; dir int'l mkts dev, Hugh Hunter Offers a complete line of **high quality** laser dyes and laser accessories including optical and assembly cements; IR detection cards; Q-switch...mgr, Sally Ann MacPherson; mgr

prodn tech, Sally Costello; emp 92, s&e 12, 1971 **High quality** optical coating, thin film technology, organic anti-reflective coating technology, chemicals for cleaning optics, glass...transmission. Products include; laser noise reduction and modulation systems (stabilasers), modulators, Q-switches, drivers, laser **quality** optical components, and **high** bandwidth analog fiberoptic links (sentinel). (see ad p 240)

Electro-Optics Technology Inc, 4057 Clipper...plant oper mng, Joseph

S. Pietras; emp 130, s&e 33, 1959 Manufactures rugged, reliable, **low** noise, space **quality**, special photomultiplier tubes for use in VUV, UV/solar blind, visible and near IR wavelength...4454368-2354; Fabreeka-b.v., 1720 AB Broek op Langedijk, Holland, 312260-15265; Fabreeka-Canada **Limited**, Ontario, Canada, 416-829-4222.

Far West Sensor Corp, 12891 Western Ave, Suite F, Garden...PhD; emp 3, s&e 1, 1986 Manufactures anti-fog treated film and sheet.

Fiox **Limited**, 8 Baglan Industrial Park, Port Talbot, West Glamorgan, SA 127DJ, UK; 0639 822600, FAX 0639...Hayden; emp 6, s&e 2, 1982 Manufactures broadband resonant reflectors for lasers and water **quality** sensors such as pH and ion- **selective** electrodes, pH buffer solutions, reagents and ORP (redox) sensors.

Garian, 310 Via Cruz Suite 203...emp 250, s&e 45, 1962 Manufactures high-voltage dc power supplies, HV capacitors, industrial- **grade** regulators, variable transformers, and **high** -voltage test equipment. (see ad p 281)

Richard Hirschmann of America Inc, (sub of Richard...
...in sizes up to 4 ft x 4 ft. Specializing in unlimited mass production of
highest quality multicolor, computer generated, live and animated
subjects. Facilities are in-house. Stock images available.

Holographlc...product, the Photophone [R] video telephone, is used by
businesses and medical groups to send **high - quality**, still-video images
over standard telephone lines in seconds.

Image Engineering Corp, 10 Beacon St...

...Andrew A. Tarnowski; mktg mgr, Putnam Morgan; emp 70, s&e 45, 1974
Manufactures ultra **high** -speed & **high - quality** (4 micron spot) film
recorders with 20 megabit/sec recording rate, & image sizes from 16mm...nm.
Large field excimer laser ablation systems for high resolution projection
patterning of polymers. Unique, **high - quality** achromatic optics allow
through-the-lens alignment and viewing operation.

Image Optics Components Ltd, Image...emp 30, s&e 7, 1969 Manufactures
IR optical glass and windows, custom lenses, prisms, **graded** -index,
step-index, single-mode optical fibers, and special optical fibers for
military applications. Also...0127 pres, Ronald Barncord; emp 24, 1942
Produces custom graded aluminum oxide and calcined alumina. **High quality**
aluminum oxide is separated into various micron sizes, with each size
having a very narrow...

...472-5172, telex 62753130 pres, William H. Keller; emp 10, s&e 2, 1982
Provides **high - quality**, cost-effective fiberoptic cable assembly
services with short turnaround time.

Kendall Hyde Ltd, Evaporated Thin...comm mgr, Susan Eddy; emp 608, s&e
153, 1916 Manufactures multispectral sensing systems including **high -**
quality IR imaging systems, control systems, image/signal processors,
display systems, and associated masts and enclosures...One Technology Park
Drice, Westford, MA 01886; 508-692-0700, FAX 508-692-0525 publisher, **Bill**
Pryor; associate publisher bg, Linda managing editor, Barbara Murray;
circulation director, Robert P. Dromgoole; emp...

25/K/12 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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05409281 SUPPLIER NUMBER: 11054592 (USE FORMAT 7 OR 9 FOR FULL TEXT)

A grade or B grade materials: quality at what price ? (The
Technology of Tape)

Peterson, Dean

Tape-Disc Business, v5, n7, p3(2)

July, 1991

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 1667 LINE COUNT: 00126

A grade or B grade materials: quality at what price ? (The
Technology of Tape)

TEXT:

A Grade or B Grade Materials: Quality at What Price ?
... past year, a trend has developed in the video duplicating industry
that is affecting the **quality**, productivity and **pricing** of duplicated
videocassettes. Several shell and tape manufacturers have begun to offer
alternative **quality levels** of product at **lower** than **premium - grade**
prices. While this is not a revolutionary concept in other industries and
may well be a...

...not available a year ago - especially when clients seem willing to trade a "touch" of **quality** for a **lower price**. Clearly, the main reason for different "**grades**" of shells and tape is to make it possible to be more competitive in today...

...offshore") manufacturers that are surfacing with their own product, which usually falls within the "Standard" **grade pricing** structure. In both instances, a major concern for the duplicator is product consistency - it is very difficult to produce a consistently **high - quality** product when concessions are made during the manufacturing process.

Saving Costs on Shells

As far...

...from recycling "older" molds that may have been rejected after use in the production of **high** numbers of **premium - quality** product (molds deteriorate with time) to using components that may not be up to the...

...most important parts in so far as the quality of the duplicated product is concerned. **Lower grade** pins and posts usually are less expensive because they are manufactured with lower tolerances and, therefore, will normally not be as smooth as their **premium - grade** counterparts. Rough pins can scratch tape surfaces, which will ultimately cause dropout and oxide contamination...

...results are when the tape is used in duplication. At West Coast Video we use **Premium grade** tape in our operation and we routinely expect "single digit" dropouts (an average of less...

...VCRs which, obviously, is a very expensive price to pay just so you can lower **prices** for your customers.

Sacrificing Tape **Quality** for Cost

One way that a tape manufacturer might produce pancake other than **premium grade** is to use the outside edges of the tape. This might be done because the...

...tape exhibits more dropouts and more noise than premium tape. Then, of course, manufacturers may **choose** to coat their **premium** and "B" **grade** tapes with different formulations, though I expect that would be a more costly process.

For the most part, non- **premium grade** tape is often procured from manufacturers that produce tape which does not - for whatever reason...able to accurately calculate the "bottom line" cost disadvantage associated with the use of non- **premium grade** materials. This is the cost of quality.

Finding Hidden Costs

The disadvantages we encounter may...

...the "bad" material makes it to the production area. For those duplicators that have very **limited** incoming inspection (or, none at all), all I can say is "Good luck!"

On the...

...Coast Video. He is currently manager of duplication sales and marketing, western region for Panasonic.

PHOTO : Quality Assurance at West Coast Video Duplicating

25/K/13 (Item 6 from file: 148)
DIALOG(R) File 148:Gale Group Trade & Industry DB

21-Jul-05

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02476420 SUPPLIER NUMBER: 03878972 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Quality begins at home. (Spectrum Control Inc. and quality circles)
 Waters, Craig R.
 Inc., v7, p68(4)
 Aug, 1985
 ISSN: 0162-8968 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
 WORD COUNT: 3137 LINE COUNT: 00245

... a tedious, time-consuming process. Occasionally, Leofsky could fudge the manufacturing process enough to use **poor - quality** capacitors; but that, too, wasted time. Although he had discussed the situation over the years...

...35% to 40% of the sales of the group.'

Only rarely is the cost of **poor quality** -- and the cost of upgrading a company's quality standards--thrown into such stark relief...

...shipped the whole batch, so long as the number of bad units fell within accepted **limits** . If there were too many bad ones, the lot was rejected, or subjected to 100...

...of statistical control, an approach that relies heavily on mathematical models to achieve and maintain **quality levels** . He was responsible for so many Japanese manufacturing breakthroughs that Japan's highest industrial award...soon as possible; temporary fixes won't do. And companies must track the "cost of **quality** '--the **price** of conforming to requirements, as opposed to the cost of nonconformance --both as an incentive...got it back. "Basically," says Homalite general manager Rod J. Field, "we lost them on **price** , but won them back with **quality** . They sent a four- or five-man team down to review what we were doing...

...people, processes, or products that haven't in some way been affected by Spectrum's **quality** crusade. There is now a vendor- **selection** committee, for example, and the number of active vendors has been trimmed by 8%. The ...

...s profit-sharing plan. Last year, management had put \$150,000 into the program, but, **high** on **quality** , had budgeted \$525,000 this year. Now, observes Venable, "We have the feeling that it...

...1985, 13 out of 14 lots of the tubular capacitors passed incoming inspection, and that **level** of **quality** has held steady ever since. On March 18, Leofsky sat down and wrote another memo more pleasant these days,' he adds with a smile.

Photo : ENGINEER ED LEOFSKY finds that " **quality** " makes soldering simpler.

25/K/14 (Item 1 from file: 275)
 DIALOG(R)File 275:Gale Group Computer DB(TM)
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02110250 SUPPLIER NUMBER: 19840750 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Graphics printers: color for the pros. (15 high-end color printers are evaluated) (includes related articles on the editors' choice, color output comparisons, thermal wax printers, and the performance tests) (Hardware Review) (Evaluation)

Stone, M. David

PC Magazine, v16, n18, p145(15)

Oct 21, 1997

DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 8358 LINE COUNT: 00647

...ABSTRACT: thermal-dye printer that produces quality continuous-tone output, and the latter generating tabloid-size **photo - quality** output. At the **low** end the editors' choice is Canon's \$500 BJC-4550 inkjet printer that can generate...

...earn honorable mentions for their ability to print on C-size paper at a relatively **high quality** and relatively fast speed.

... ink jets we tested, you'll see saturated colors in graphics and something approaching true **photographic quality** for at least some photos. Output quality improves significantly with special paper, which costs about their **high quality** makes them favorites for in-house proofs.

Note that the steep cost of entry and...

...4.95 to \$6.70 each for B-size--make for high operating costs that **limit** this technology's appeal for graphics pros and service bureaus. Lyra Research projects that just...

...Phaser 480X

* Low-end: Canon BJC-4550

If you are a graphics professional who needs **photographic - quality** output, the Eastman Kodak DS 8650 PS is unsurpassed and wins our Editors' Choice.

This...

...PS represents quite an investment for an A-size printer, but it's worth the **price**.

If you need tabloid-size **photo - quality** output, the Tektronix Phaser 480X (\$13,800 street) is the winner. Setup is easy and...360-dpi ink jet.

Switch to high-resolution paper that costs ten cents per sheet, **photo** ink, and **high - quality** resolution (720 by 360 dpi), and colors are brilliant, dithering all but disappears, and banding...

...tabloid-size prints occasionally, giving up speed is not such a bad compromise for this **level** of output **quality** at such a reasonable **price**

Canon ...Dot: A Lifeline for Thermal Wax?

In their heyday, thermal wax printers werethe choice for **high - quality** business output for reports, presentations, and transparencies. With shared **high - quality** ink jets and color laser technology not even a blip on the horizon, the grainy...

...a first-rate thermal dye color proofer suitable for the most demanding prepress and professional **photography** markets. Reasonably fast, with stunning output **quality**, it's a perfect fit for its high-end audience. It's more expensive than...

...average time among our tested printers by several minutes per print.

If you need fast, **high -volume** output for top- **quality photo**, illustration, and DTP prints, the Kodak DS 8650 PS is the pick of the

litter...

...2,000 street.

Epson America's Stylus Color 1520 and Stylus Color 3000 offer impressive, **high - quality** output at workhorse- **level** speeds. The Stylus Color 1520 is designed for budget-minded business users; the Stylus Color

...80 per page), the Stylus Color 1520 is capable of producing what could pass for **photographic - quality** output.

On our speed tests, the Stylus Color 1520 was second only to the Stylus...the Stylus Color 1520, foreground tasks slow down noticeably during printing. Still, the combination of **high - quality** output, relatively **low** initial cost for a tabloid-size printer, and reasonably fast performance makes this a more...

...for roughly one-third the price of comparable professional graphics printers. Both machines deliver acceptable- **quality** proofs and **photo** -realistic prints and offer thermal wax modes so you can print out works in progress...

...which left us unable to access our computer during printing.

The Pictura 310e produced good- **quality photo** -realistic prints, although it lacks halftoning and screening options. It also did not correctly interpret...full. One disappointment was on our gradient fills, which showed noticeable banding even when using **high - quality** paper and appropriate settings. For photos, the DeskJet had trouble maintaining detail in darker areas...

...an ink jet; ink jets are the fastest of the lot. If you need true **photographic quality**, then thermal dye is the right choice, though the print times are often 10 minutes...

...Photoshop test.

How We Tested

For each printer, we defined a standard mode and a **photo - quality** mode based on discussions with the manufacturer. We used the standard mode on all performance tests except the Photoshop test, and we **chose** resolution settings and other **quality** settings to match those that users are most likely to select for their printouts. For the Photoshop test, we used **photo - quality** mode, which made use of the **highest** settings for **quality** available for each printer. We used standard copier paper on all tests.

For our test...par with other thermal wax printers: There was some banding, noticeable dithering patterns, and a **restricted** color range. But the SpectraStar 280 was among the fastest dedicated color printers in our ...updated design if it is to compete with other thermal dye printers that offer better **quality** at similar **prices**.

Tally Printers Inc., Kent, WA; 800-426-4813, 425-251-5524;
www.tally.com.

Tektronix...

...in graphics and text were reasonably crisp and clean. We ran our tests at the **highest - quality** setting, out of the three built-in speed modes the unit offers. The Phaser 300X...

...an appealing option for relatively inexpensive tabloid-size proofs and graphic prints of less than **photo quality**.

The Phaser 380 is the big brother of the Phaser 350 that we review

with...

...sprays the ink onto a drum, then rolls the drum against the page. This process **limits** it to more traditional paper choices, but still lets the unit handle up to 120...

...300X, but with less obvious dithering, so that at arm's length photos approach real "**photo quality**." Performance was good enough to make the Phaser 380 one of the fastest graphics-oriented...

...as the Phaser 300X, and it costs roughly twice as much. But it offers much **higher quality** output and is fast enough to serve for on-demand printing as well as proofs...

...install the software, and print. Output quality is superb; the unit prints photos at true **photographic quality**, with color, subtle shading, and details in light and dark areas all a match for test gradients.

Overall, for fast, super A-size, **high - quality** thermal dye output, the Phaser 450 is an excellent choice.

If you want 300-dpi...

...the same as for the Phaser 450. More important, the output shares all of the **high quality** of the Phaser 450 but with even less banding. On our tests--even when we...

25/K/15 (Item 2 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

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02092590 SUPPLIER NUMBER: 19682427 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Two cameras, two styles. (Kodak's DC120 and Fujix's Fujix DS-300 digital cameras) (First Looks) (Hardware Review) (Evaluation)

Grotta, Daniel; Grotta, Sally Wiener

PC Magazine, v16, n15, p62(2)

Sep 9, 1997

DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1497 LINE COUNT: 00117

...ABSTRACT: macro functions, built-in strobe and removable memory card, but the Fujix DS-300 generates **pictures** of **higher quality** than the DC120. The DC120 features a megapixel **charge** -coupled device (CCD) that provides resolution of 1,280 by 960, which is just slightly...

... offers three levels of compression as well as the ability to save images without compression.

Selecting the various options--four image **quality levels** (uncompressed, fine, standard, economy), three flash modes (auto, fill, off), four exposure settings (auto, +2...

...optical viewfinder and a 1.6-inch LCD panel. Practically speaking, the LCD should be **restricted** to macro work only, because Kodak gave its LCD a refresh rate of only 3...to 1.1MB, the DC120 produces 3.6MB files. Selecting the no-compression option severely **limits** the number of shots that can be saved (two to the camera's built-in...

...apps

Despite the cameras' virtually identical file sizes, the Fujix DS-300 produces much better **picture quality** than the Kodak DC120. Although it

is among the best digital cameras in its **price** range for shooting annual reports, weddings, or other **quality** -intensive applications, the DS-300 excels as a studio portrait camera in a multistrobe environment...

25/K/16 (Item 3 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

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01699180 SUPPLIER NUMBER: 16199918 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Colourful printing at a good price. (Epson's Stylus Color inkjet printer)

(Hardware Review) (Colour Inkjet Printers) (Evaluation)

Bradwell, David

PC User, n238, p77(1)

June 29, 1994

DOCUMENT TYPE: Evaluation ISSN: 0263-5720 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 781 LINE COUNT: 00062

... has been generated by the Epson Stylus Color printer -- not least because it promises near- **photographic quality** for [pound]639. With a top resolution of 720x720dpi and the ability to print on...

...set up and use. The ink cartridges, which slot into place, are held by plastic **restraining** clamps and the printer driver is easy to install through the Windows Control Panel.

All...

...different requirements of mono and colour printing and the type of output required. You can **select** from a range of print **quality** and output speed combinations and access the proprietary Epson features, such as Micro-Weave.

Three **levels** of print **quality** are available. Draft, at 180dpi, is designed for proof reading or fast output on ordinary...

...360dpi printing -- although a special coated paper is recommended. Super, the 720dpi option, offers the **best quality** output, but it is the slowest to print and requires Epson's special paper.

Bearing in mind the **price**, the **quality** is astonishing. Colours are impressively bright and strong at 720dpi, although still acceptable for draft...

25/K/17 (Item 4 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

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01618852 SUPPLIER NUMBER: 14406524 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Desktop video: first cuts. (Hardware Review) (tests of five desktop video

systems)(includes related articles on glossary of terms, how products were tested, non-linear systems, trends in desktop video, criteria for product table) (Evaluation)

Rudman, Lisa

MacUser, v9, n11, p136(10)

Nov, 1993

DOCUMENT TYPE: Evaluation ISSN: 0884-0997 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 4785 LINE COUNT: 00371

... them back at full-screen resolution, and export them to tape at about home-videotape **quality** .

Whichever product you **choose** , the cost of the desktop-video package is small compared with the cost of the trade-offs between file size and **quality** , and the **best** products give you a variety of compression settings. This variety lets you choose a setting...

...Composer family gives you five compression/resolution choices. The model 400S offers only the two **lowest - quality** settings, which are fine for rough cutting and generating an EDL. At the **lowest - quality** setting, our one-minute clip occupied about 21 megabytes.

The Digital F/X Video F...

...of digitized video filled approximately 23 megabytes.

The Avid Media Suite Pro offers only one, **high - quality** compression setting, which consumed 68 megabytes per minute.

Talkies Too

In QuickTime, audio is not...

...large part of the data stream when you're digitizing. The result is that including **high - quality audio** can have a serious impact on the quality of the video portion. QuickTime makes room for audio data by dropping video frames if necessary. Additionally, the **higher** the sound **quality** , the more hard-disk space you need: One minute of 8-bit, 22-kilohertz sound...

...and 10,448K in stereo.

The RasterOps Editing Aces Suite supports low-resolution 8-bit **audio** as well as 16-bit CD- **quality** stereo sound. Unless you have Apple's new Sound Manager 3.0 and QuickTime 1...

...through the AudioMedia II card. The Avid Media Suite Pro, however, digitizes only at the **highest - quality level** , consuming lots of disk space. The SuperMac DigitalFilm Deluxe also offers stereo sound but of a **lower quality** .

Order from Chaos

Nonlinear editing is great, but only if you know where your clips... graphics capabilities, including sophisticated Photoshop filters. With the Media Suite Pro software, graphics creation is **limited** to a built-in titler, but you can import PICT files and PICS animations. It...

...bypass QuickTime as well. Our jury felt that the Avid Media Suite Pro produced the **best** overall video and **audio quality** .

Decisions, Decisions

Even as DTV features and video-output quality continue to improve, EDLs give...

...video-output quality, we suggest you wait before diving into this new field. Better image **quality** , more-stable software, and probably lower **prices** will quickly make the batch of products tested here obsolete.

On the other hand, multimedia...

...Suite Pro (\$9,995 list, \$9,500 street). Its superior editing software, speed, and image **quality** were the **best** of the bunch. And with the EDL support and 60-field-per-second capture added...

...example, weird shimmering, jaggies, or other undesirable distortion -- that is the result of a system **limitation** .

audio, 8-bit, 22-kilohertz mono: standard Mac **audio quality**, roughly equivalent to that of AM radio.

audio, 16-bit, 44-kilohertz stereo: CD- **quality audio**.

Betacam: professional component-video 12-inch recording format.

bin: a place ...red, green, blue, and luminance signals are processed as separate signals (or components), thus achieving **higher quality**. Generally found only in professional video products.

composite video: a video signal that combines chrominance...

...C video: Y (luminance) and C (color) information is on separate signals and is of **higher quality** than composite. Available on some consumer-grade video products.

SMPTE time code, or SMPTE: Society...described in this report, without the help of a postproduction facility, offer only home-VCR **quality** at **best**. Because of current hardware constraints, video data must be compressed. To cut the data down...

...800 -- the system stores one hour of 60-field video and two hours of CD-**quality audio** and costs a little less than \$40,000. Storage is expandable but expensive, because IMMIX...

25/K/18 (Item 5 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01511495 SUPPLIER NUMBER: 12075962 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Quality-enhanced laser printing: RET, PQET, FinePrint, TurboRes, MultiRes, etc. (David Spencer analyzes the new generation of laser printers exhibited at the October 1991 Seybold Computer Publishing Conference)

Spencer, David

Seybold Report on Desktop Publishing, v6, n8, p3(16)

April 6, 1992

ISSN: 0889-9762

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 7130

LINE COUNT: 00541

... real value over standard 300-spi laser printers?

Historical perspective

Remember when IBM "Executive" and ' **Selectric** ' typewriter **quality** gave way to 300-dpi laser printers? Laser printers moved into the limelight in 1984...

...introduced Resolution Enhancement Technology (RET) on the LaserJet III, with a winning combination of improved **quality**, **low** incremental cost and market strength. RET fills in the jagged steps between 300-dpi dots...

...quality of type and the quality of line graphics. RET raised user expectation for competitively **priced** laser printer **quality**. Techniques such as RET, PhotoGrade and low-cost 600-dpi are bringing the **premium** for substantial **quality** improvement within the financial reach of a broad market. Vendors are rushing to provide quality of vertical addressability. Horizontal position, however, is not constrained by any mechanical **limit** of the engine; rather, it is established by the timing of the controller's digital...

...40%, 60% and 80% spots. What does variables spot size offer and what are its **limits**? To understand this, we need to consider what's happening to the spot inside the...

...of a pel. This simple "trick" in the horizontal dimension can enhance quality beyond the **restriction** of turning the laser on and off only at pel boundary locations. We could, for...in ASICs, so that cost is relatively low. This combination of negligible loss of throughput, **low** cost and enhanced **quality** yields very desirable results.

There are some variations on the theme, including Resolution Enhancement, TurboRes...

...vertical case. We will return to such vertical enhancements shortly.

One of the areas of **limitation** of the technology can be seen by looking at the vertical stroke on the "P...When we talk about 600-dpi quality, we expect more than addressability; we expect a **quality level** that is overall above that of 300 dpi. The vendors are, in varying degrees, sensitive...

...short, we expect dark, solid blacks and clean whites and all the other attributes of **high** black-and-white image **quality** that we've discussed.

Dpi of 600x600 raises the question: When do we have resolution...have 65 possible shades of gray--as we are about to see in Apple's **Photo - Grade** technology.

Print samples

Let's now look at some of the print samples I promised...inch. Note the differences between the vertical and horizontal images.

This test is pushing the **limits** of QMS's MultiRes 600-dpi emulation; but note that this is not a typical...

...in this 600-dpi emulation, you have to ask whether these limitations are going to **limit** the way you're going to use the machine in real-world applications. Controller quality...

...has object knowledge, it can apply it well. Multi-bit gray scale does provide some **limits** to subsequent reproduction because it may not provide as hard a spot from a mastering...

...the samples may have shown that.

Most importantly, these techniques collectively are significantly improving the **quality** available from laser printers at competitive **prices**.

Jonathan: Let's open to questions from the floor.

Bruce Caplan: Could you speak a...which the drum is moving. We expect at 600 dpi, or at that kind of **quality level**, that the image we produce has the quality we expect of 600 dpi--a much...

...1985. He now manages the consulting firm of Spencer & Associates, specializing in the analysis of **high - quality** output devices, including imagesetters and color printers. The full results of this analysis--including nearly...

25/K/19 (Item 1 from file: 636)

DIALOG(R) File 636:Gale Group Newsletter DB(TM)

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04594318 Supplier Number: 60069275 (USE FORMAT 7 FOR FULLTEXT)

On The Right Track.

Robair, Gino

Electronic Musician, v16, n2, p46

Feb, 2000

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 7473

... it meant I could begin with a reasonably level playing field for the formats. The **limited** number of audio tracks in any multitrack system (analog or digital) can be enhanced using...Guerilla Recording using Boisen's outboard mics and preamps so we would have a consistent **quality** of line- **level** signals going to each recorder. The drums and bass were tracked to two recorders simultaneously...to use to manage the amount of recording time (see the secdon "Size Matters").

One **limitation** of the VS-880 is that it can record only four tracks at a time...in particular the Alesis ADAT. The ADAT was successful not only because of its sound **quality**, modularity, and **price**, but also because the blank media (S-VHS tapes) were inexpensive and abundant. Compare a...to do with the width and speed of the tape. In the world of digital **audio**, sound **quality** depends as much on the digital converters and processing resolution as it does on the...the personal-studio owner can reasonably afford the greater storage capacity needed to achieve the **higher levels** of sound **quality**. If your digital recorder works with external drives (the VS-880 lets you chain up...I was not able to test a DA-78HR for this article, but if the **audio quality** is anywhere near that of Tascam's DA-45HR 24-bit DAT machine, the sound...later. I can also bounce instruments with effects to virtual tracks to get around the **limitation** of available effects in this workstation.

In Pro Tools, I use the Bounce to Disk...time. Since we were recording only four rhythm tracks at once, the 4-analog input **limitation** of the VS-880 didn't pose a problem for this session.

The transport controls...with this tape format.

Of the four formats that we tested, the MD8 had the **lowest** recording **quality**. The change in the drum sound was the easiest to hear; the MD8 seemed to...fatten up the drums, which made up for the weaknesses in the MD8's recording **quality**.

Using a **selection** of additional outboard effects (including reverbs, the BBE 482 Sonic Maximizer, and SPL Vitalizer Jack...

?